

Product Information

Phellopterin

Cat. No.: X23-04-XQ375

Size: 5 mg; 20 mg; 50 mg; 100 mg

CAS Number: 2543-94-4

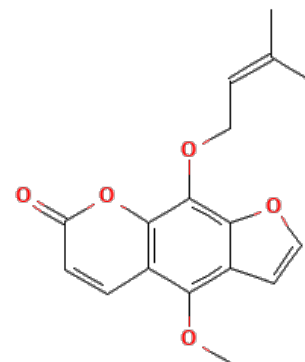
Compound CID: 98608

Synonym: 2543-94-4; Phellopterin;

4-Methoxy-9-(3-methylbut-2-enoxy)furo[3,2-g]chromen-7-one; Phellopterin;

4-Methoxy-9-prenyloxypsoralen

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Phellopterin inhibits the growth of tumor cells and has been shown to increase the release of luteinizing hormone.
Molecular Weight	300.3
Molecular Formula	C ₁₇ H ₁₆ O ₅
IUPAC Name	4-Methoxy-9-(3-methylbut-2-enoxy)furo[3,2-g]chromen-7-one
InChI	InChI=1S/C17H16O5/c1-10(2)6-8-21-17-15-12(7-9-20-15)14(19-3)11-4-5-13(18)22-16(11)17/h4-7,9 H,8H2,1-3H3
InChI Key	BMLZFLQMBMYVHG-UHFFFAOYSA-N
Canonical SMILES	CC(=CCOC1=C2C(=C(C3=C1OC(=O)C=C3)OC)C=CO2)C
Form	Powder
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Phellopterin can be used for inhibiting lipid peroxidation experiments, <i>etc.</i>
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask



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